

Title (en)

Process for preparing perfluoroalkenyl sulfonyl fluorides.

Title (de)

Verfahren zur Herstellung von Perfluoroalkenyl-sulfonyl-Fluoriden.

Title (fr)

Procédé pour la préparation de fluorures de perfluoroalkenyl sulfonyle.

Publication

**EP 0395102 A2 19901031 (EN)**

Application

**EP 90108108 A 19900427**

Priority

IT 2033989 A 19890428

Abstract (en)

Described is a process for preparing perfluoroalkenyl sulfonyl fluorides (I)  $R_f-CF=CF-SO_2F$  (I) wherein:  $R_f$  is F or a perfluoroalkyl radical of from 1 to 9 carbon atoms, in which as the starting material a sultone (II) <CHEM> is used. The sultone is contacted with a reactant selected from oxides and carbonates of elements of the Groups IA, IIA and IIB and the oxides of elements of the Groups IIIA and IVA of the Periodic Table of Elements and mixtures thereof, at a temperature ranging from about 150 to about 450 DEG C.

IPC 1-7

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IPC 8 full level

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